

NeverStrip™
FLOOR COATINGS

Dorado 3032™



Section [1] Product and Company Identification**Product Name:** Dorado 3032**Description:** Floor coatings stripper for janitorial and architectural use.**Manufactured by:** PPG Aerospace PRC-DeSoto, 12780 San Fernando Road
Sylmar, CA 91342**E-mail:** Info@NeverStrip.com**Information:** 800.854.5414**USA and Canada****Emergency, Chemtrec:** 800.424.9300**Prepared by:** NeverStrip Floor Coatings**Date Prepared:** 07.25.16**Section [2] Hazards Identification****Acute Toxicity (inhalation):** Category 4**Skin Corrosion/Irritation:** Category 1**Serious Eye Damage / Eye Irritation:** Category 1**Classification of the substance or mixture:****Global Harmonized System****Hazard Symbols:****Signal Word:** Danger**Precautionary Statements:** Harmful if inhaled. Causes severe skin burns and eye damage.**GHS label elements OSHA/HCS status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) United States**Prevention:** Wear protective gloves. Wear eye or face protection. Wear protective clothing. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.**Inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. **If Swallowed:** Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting.**Skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician.**Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.**Storage:** Store locked up.**Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental Label Elements: Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.

Hazards not otherwise classified: Prolonged or repeated contact may dry skin and cause irritation.

Section [3] Composition/information on ingredients

Ingredient	%	CAS#
benzyl alcohol	≥29 -<47	100-51-6
Naphtha (petroleum), hydrotreated heavy	≥3 - <3.8	64742-48-9
2-aminoethanol	≥1.6-<2.5	141-43-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Substance/Mixture:

Occupational exposure limits, if available, are listed in Section [8] Mixture. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Product name: NeverStrip Urethane Stripper

SUB codes represent substances without registered CAS Numbers.

Section [4] First-Aid Measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures:

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects:

Eye Contact: Causes serious eye damage.

Inhalation: Harmful if inhaled.

Skin Contact: Causes severe burns. Defatting to the skin.

Ingestion: No known significant effects or critical hazards.

Over exposure signs/symptoms

Eye Contact: Adverse symptoms may include the following: stomach pains.

Inhalation: No specific data.

Skin Contact: Adverse symptoms may include the following: pain or irritation, redness, dryness, cracking, blistering may occur.

Ingestion: Adverse symptoms may include the following: pain, watering, redness, stomach pain.

Indication of immediate medical attention and special treatment needed (if necessary)

Notes to Physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific Treatments: No specific treatment.

Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section [5] Fire-fighting Measures

Extinguishing Media:

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known

Specific hazards arising from the chemical:

In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products:

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides.

Special protective actions for fire-fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section [6] Accidental Release Measures**Personal precautions, protective equipment and emergency procedures****For Non-emergency Personnel:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section [8] on suitable and unsuitable materials.

Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up**Small Spill:**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see

Section [1] for emergency contact information and Section [13] for waste disposal.

See also the information in "For nonemergency personnel".

Section [7] Handling and Storage

Precautions for safe handling

Protective Measures:

Put on appropriate personal protective equipment (see Section [8]). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Special Precautions:

If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities:

Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section [8] Exposure Controls/Personal Protection

Ingredient

benzyl alcohol

Exposure Limits

IPEL (PPG)
TWA: 10 ppm
STEL: 50 ppm

Naphtha (petroleum), hydrotreated heavy
2-aminoethanol

None
ACGIH TLV (United States, 4/2014)
STEL 15 mg/m³ 15 minutes
STEL 6 ppm 15 minutes
TWA: 7.5 mg/m³ 8 hours
TWA: 3 ppm 8 hours

OSHA PEL (United States, 2/2013)
TWA: 6 mg/m³ 8 hours.
TWA: 3 ppm 8 hours

Key to Abbreviations

A	Acceptable Maximum Peak
ACGIH	American Conference of Governmental Industrial Hygienists.
C	Ceiling Limit
S	Potential skin absorption
SR	Respiratory sensitization
SS	Skin sensitization
TD	Total dust
TLV	Threshold Limit Value
TWA	Time Weighted Average
F	Fume
IPEL	Internal Permissible Exposure Limit
OSHA	Occupational Safety and Health Administration.
R	Respirable
Z	OSHA 29CFR 1910.1200 Subpart Z-Toxic and Hazardous Substances
STEL	Short term Exposure limit values

Consult local authorities for acceptable exposure limits.

Recommended Monitoring Procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate Engineering Controls:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Eye/Face Protection:

Eye Protection:

Chemical splash goggles and face shield.

Skin Protection:

Hand Protection: Chemical-resistant, impervious gloves complying with an approved

standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Gloves: For prolonged or repeated handling, use the following type of gloves:

Recommended: nitrile rubber.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection:

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section [9] Physical and Chemical Properties

Appearance:

Physical State: Liquid

Color: Off White

Odor: Not available.

Odor Threshold: Not available.

pH: Not available

Melting Point: Not available

Boiling Point: 100°C (212°F)

Flash Point: Closed cup:100°C (212°F)

Material Supports Combustion: Yes.

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available.

Flammability (solid, gas): Not available.

Lower and upper explosive (flammable) limits: Not available.

Evaporation Rate: Not available

Vapor Pressure:

Vapor Density:

Relative Density: 1.01

Density (lbs/gal): 8.43

Solubility: Partially soluble in the following materials: cold water.

Partition Coefficient; noctanol/water: Not available

Viscosity: Kinematic (40°C (104°F) <0.07 cm² /s (<7 cSt)
VOC: 440 g/l
% Solid {w/w): 6.5

Section [10] Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections [7] and [8.]

Incompatible Materials:

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Hazardous Decomposition Products:

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Section [11] Toxicological Information

Information on Toxicological Effects

Acute Toxicity

Ingredient Name	Result	Species	Dose	Exposure
benzyl alcohol	LD50 Dermal	Rabbit	2000 mg/kg	
	LD50 Oral	Rat	1.23 g/kg -	
Naphtha (petroleum) hydrotreated heavy	LC50 Inhalation Vapor	Rat	8500 mg/m ³	4 hours
	LD50 Oral	Rat	>6 g/kg	
2-aminoethanol	LD50 Dermal	Rabbit	1 g/kg	
	LD50 Oral	Rat	1720 mg/kg	

Conclusion/Summary: No data available on the mixture

Irritation/Corrosion:

Irritation Summary:

Skin: No data available on the mixture

Eyes: No data available on the mixture

Respiratory: No data available on the mixture

Sensitization: Summary:

Skin: No data available on the mixture

Respiratory: No data available on the mixture

Mutagenicity Summary:

Carcinogenicity Summary: No data available on the mixture

Reproductive Toxicity Summary: No data available on the mixture

Teratogenicity Summary: No data available on the mixture

Conclusion/Summary: Specific target organ toxicity (single exposure)

Name	Category
Naphtha (petroleum), hydrotreated heavy	3
2-aminoethanol	3

Specific target organ toxicity (repeated exposure)

Target Organs: Contains material which causes damage to the following organs: blood, kidneys, liver, heart, brain, central nervous system (CNS). Contains material which may cause damage to the following organs: the nervous system, gastrointestinal tract, upper respiratory tract, skin, eye, lens or cornea, testes.

Aspiration Hazard

Name	Category
Naphtha (petroleum), hydrotreated heavy	Aspiration Hazard 1
Information on the likely routes of exposure	
Delayed and immediate effects and also chronic effects from short and long term exposure	
Not available.	

Potential acute health effects

Eye Contact: Causes serious eye damage.

Inhalation: Harmful if inhaled.

Skin Contact: Causes severe burns. Defatting to the skin.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye Contact: Adverse symptoms may include the following: pain, watering, redness

Inhalation: No specific data.

Skin Contact: Adverse symptoms may include the following: pain or irritation, redness, dryness, cracking, blistering may occur

Ingestion: Adverse symptoms may include the following: stomach pains

Conclusion/Summary:

There are no data available on the mixture itself. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure:

Potential immediate effects: no data available on the mixture.

Potential delayed effects: no data available on the mixture.

Long term exposure:

Potential immediate effects: no data available on the mixture.

Potential delayed effects: no data available on the mixture.

Potential Chronic Health Effects:

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE Value
Oral	3216.8 mg/kg
Dermal	4946.9 mg/kg
Inhalation (gases)	11597 ppm
Inhalation (vapors)	25.77 mg/l
Inhalation (dusts and mists)	3.866 mg/l

Section [12] Ecological Information

Toxicity

Ingredient	Result	Species	Exposure
2-aminoethanol	Acute EC50 8.42 mg/l Fresh water	Algae Desmodemus subspicatus	72 hours

Persistence and Degradability

Ingredient	Aquatic half-life	Photolysis	Biodegradability
benzyl alcohol	1.1		Low
2-aminoethanol	-1.31 - low		

Bioaccumulative Potential

Ingredient	LogPow	BCF	Potential
benzyl alcohol	1.1		Low
2-aminoethanol	-1.31		Low

Mobility in Soil

Soil/water partition

coefficient (KOC): Not available.

Section [13] Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal Methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section [7] HANDLING AND STORAGE and Section [8]: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and employee protection.

Section [14] Transport Information

	DOT	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:			
Transport Hazard Class(es):			
Packing Group:			
Environmental Hazards:	No	No	No
Marine Pollutant Substances:	Not applicable	Not applicable	Not applicable

Special precautions for user Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Additional information

DOT	None identified
IMDG	None identified
IATA	None identified



Dorado 3032 Safety Data Sheet

Section [15] Regulatory Information

United States

United States Inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304

SARA 304 RQ: Not applicable

Composition/Information on Ingredients: No products were found.

SARA 311/312

Classification: Immediate (acute) health hazard

Composition/Information on Ingredients:

Name	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (acute) Health Hazard	Delayed (chronic) Health Hazard
benzyl alcohol	No	No	No	Yes	No
Naphtha (petroleum) hydrotreated heavy	Yes	No	No	Yes	No

2-aminoethanol Yes. No. No. Yes. No. -

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

Section [16] Other information

Hazardous Material Information System (U.S.A.)

Health 3 **Flammability** 1 **Physical Hazards** 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

(*) - Chronic effects

Other Information

Key to Abbreviations:

ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods
LogPow	logarithm of the octanol/water partition coefficient
UN	United Nations

MARPOL 73/78-International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol"- marine pollution)

National Fire Protection Association (U.S.A.)

Health 3 **Flammability** 1 **Instability** 0

Disclaimer: The information contained herein is based on the data available to us and is believed to be correct. NeverStrip Floor Coatings makes no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. NeverStrip Floor Coatings assumes no responsibility for injury, loss or damage from the use of the product described.

NeverStrip Floor Coatings, 800.854.5414 www.NeverStrip.com
For Hazardous Materials Incident: Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC (24 hours) USA and Canada: 800.424.9300